



Fiscal Year 2008

Rangeland Inventory, Monitoring, and  
Evaluation Report

TABLE 1

**Ecological Site Inventory**

STATE	Acres Inventoried This Fiscal Year using the Ecological Site Inventory (ESI) /a/	Total Acres Inventoried to Date Using the Ecological Site Inventory (ESI) Method or Soil Vegetation Inventory Method (SVIM) /b/
ARIZONA	50,022	6,402,984
CALIFORNIA	0	1,242,638
COLORADO	11,000	3,654,146
IDAHO	0	8,536,473
MONTANA/DAKOTAS	50,356	6,061,968
NEVADA	0	17,616,786
NEW MEXICO	0	9,501,593
OREGON/WASHINGTON	349,803	7,814,528
UTAH	100,000	13,334,991
WYOMING	0	10,404,901
BLM TOTAL	561,181	84,571,008

/a/ Acres reported here represent acres inventoried with ESI, and include acres which have been categorized as: 1) Potential Natural Community, 2) Late Seral, 3) Mid Seral, 4) Early Seral, and 5) Unclassified (because they could not be categorized to seral stage).

/b/ Acres reported here only include acres categorized as to seral stage (Potential Natural Community, Late Seral, Mid Seral, and Early Seral).

The ESI or SVIM acres that were previously categorized as Unclassified, in reports previous to Fiscal Year 2004, are now included in a category of inventory called "Uncategorized", in Table 2A below.

TABLE 2

**A. Rangeland Inventories**

	Total Acres Available to be Inventoried	Ecological Site Inventory (ESI) /a/	Seedings /b/	Ephemeral /c/	Annual Grassland /d/	Annual Invasive/Exotic /e/	Uncategorized /f/
ARIZONA	11,416,900	6,402,984	2,138	744,875	0	0	4,266,903
CALIFORNIA	8,122,689	1,242,638	65,325	401,499	465,693	138,863	5,808,671
COLORADO	7,810,693	3,654,146	244,133	0	0	0	3,912,414
IDAHO	11,569,964	8,536,473	1,673,925	0	0	348,328	1,011,238
MONTANA/DAKOTAS	8,212,095	6,061,968	136,291	0	0	0	2,013,836
NEVADA	44,323,270	17,616,786	794,429	0	0	0	25,912,055
NEW MEXICO	12,547,244	9,501,593	4,500	0	0	1,500	3,039,651
OREGON/WASHINGTON	13,827,784	7,814,528	1,008,084	0	0	0	5,005,172
UTAH	21,699,759	13,334,991	1,221,947	0	0	45,442	7,097,379
WYOMING	17,705,730	10,404,901	1,749	0	0	50	7,299,030
BLM TOTAL	157,236,128	84,571,008	5,152,521	1,146,374	465,693	534,183	65,366,349

/a/ Same as footnote /b/ in Table 1.

/b/ Acres reported here are for non-native or native seedings. It's important to keep reporting to the public how many acres of seedings we administer, because segments of the public are interested in this, but the public typically does not ask what the conditions of the seedings are. We are eliminating the reporting of Excellent, Good, Fair, and Poor for Seedings. We are eliminating the Nonnative Public Rangeland label for seedings because some seedings now and in the future could be native seedings.

/c/ Ephemeral rangelands typically have very low carrying capacity, yet can produce short-lived, abundant forage in response to favorable climatic conditions. Ephemeral rangelands do not produce sufficient forage to allocate for livestock grazing on a sustained yield basis, yet may periodically produce forage suitable for livestock grazing for short periods of time. BLM can designate allotments or areas as ephemeral rangelands and manage them for ephemeral grazing use under the authority of the Ephemeral Range Special Rule applicable for the hot desert regions of Arizona, California, Nevada, and Utah.

/d/ Acres categorized as Annual Grassland primarily refer to the Mediterranean annual rangelands in California, which differ from perennial rangelands because they are primarily occupied by annual plants.

/e/ Acres categorized as Annual Invasive/Exotic primarily refer to rangelands which have transitioned to species such as cheatgrass, medusahead, and red brome, and are dominated by these species to the extent that they no longer have the capacity to proceed successional to a higher seral status with grazing management alone or without substantial range improvement investment.

/f/ Acres in Uncategorized include: 1) acres categorized as Unclassified in Ecological Site Inventory in reports previous to Fiscal Year 2004; 2) acres categorized as Professional Judgement in reports previous to Fiscal Year 2004; 3) acres categorized as Other in reports previous to Fiscal Year 2004; and 4) acres yet to be inventoried and cannot be categorized into any of the categories in this table.

## B. Ecological Site Inventory

	Total ESI acres /a/	Potential Natural Community	Late Seral	Mid Seral	Early Seral
ARIZONA	6,402,984	528,460	2,791,841	2,400,968	681,715
CALIFORNIA	1,242,638	39,579	260,892	553,489	388,678
COLORADO	3,654,146	241,607	1,001,398	1,495,935	915,206
IDAHO	8,536,473	197,080	2,092,660	3,472,164	2,774,569
MONTANA/DAKOTAS	6,061,968	534,088	4,010,006	1,430,439	87,435
NEVADA	17,616,786	741,433	6,761,796	8,047,070	2,066,487
NEW MEXICO	9,501,593	380,350	2,265,784	4,051,191	2,804,268
OREGON/WASHINGTON	7,814,528	93,243	2,199,094	4,586,227	935,964
UTAH	13,334,991	1,594,924	4,048,957	5,923,370	1,767,740
WYOMING	10,404,901	2,809,820	3,953,670	3,083,602	557,809
BLM TOTAL	84,571,008	7,160,584	29,386,098	35,044,455	12,979,871

/a/ Same as footnote /b/ in Table 1.

### Stewardship Report

#### Ecological Condition

Potential Natural Community	8.5%
Late Seral	34.7%
Mid Seral	41.4%
Early Seral	15.3%
TOTAL	100%

## PUBLIC LAND STATISTICS TABLE 2-1

PERCENT OF ACRES IN ECOLOGICAL STATUS  
BY STATE - FISCAL YEAR 2008

	PERCENT BY ECOLOGICAL STATUS /a/				
	Percent Acres Inventoried	Potential Natural Community	Late Seral	Mid Seral	Early Seral
ARIZONA	56%	8%	44%	37%	11%
CALIFORNIA	15%	3%	21%	45%	31%
COLORADO	47%	7%	27%	41%	25%
IDAHO	74%	2%	25%	41%	33%
MONTANA/DAKOTAS	74%	9%	66%	24%	1%
NEVADA	40%	4%	38%	46%	12%
NEW MEXICO	76%	4%	24%	43%	30%
OREGON/WASHINGTON	57%	1%	28%	59%	12%
UTAH	61%	12%	30%	44%	13%
WYOMING	59%	27%	38%	30%	5%
BLM TOTAL	54%	8%	35%	41%	15%

/a/ Expressed in degree of similarity of present vegetation to the potential natural, or historic climax, plant community: Potential Natural Community = 76-100% similar, Late Seral = 51-75% similar, Mid Seral = 26-50% similar, Early Seral = 0-25% similar

TABLE 3

**Cumulative Monitored Rangeland Trend**

	Total Federal	Up	Static	Down	Undetermined
ARIZONA	11,436,226	2,034,041	3,692,874	649,548	5,059,763
CALIFORNIA	886,820	405,629	271,499	60,264	149,428
COLORADO	4,060,534	1,055,909	1,455,638	447,800	1,101,187
IDAHO	11,336,510	2,319,544	5,821,446	1,190,173	2,005,347
MONTANA/DAKOTAS	5,732,645	1,740,867	2,870,904	434,995	685,879
NEVADA	35,209,617	2,864,525	13,664,080	6,659,682	12,021,330
NEW MEXICO	12,797,084	1,264,172	4,232,424	569,728	6,730,760
OREGON/WASHINGTON	12,576,724	2,094,127	7,249,282	1,759,081	1,474,234
UTAH	22,183,495	6,681,764	11,543,879	2,768,154	1,189,698
WYOMING	15,030,625	2,808,707	7,171,622	1,870,380	3,179,916
BLM TOTAL	131,250,280	23,269,285	57,973,648	16,409,805	33,597,542

TABLE 4

**Allotment Categorization**

STATE	TOTAL		CATEGORY I		CATEGORY M		CATEGORY C		UNCATEGORIZED	
	Allot	Acres	Allot	Acres	Allot	Acres	Allot	Acres	Allot	Acres
ARIZONA	822	11,416,900	203	4,995,481	144	3,403,813	474	2,968,429	1	49,177
CALIFORNIA	688	8,122,689	170	4,794,557	169	2,149,907	349	1,178,225	0	0
COLORADO	2,409	7,810,693	696	5,844,915	310	807,267	1,399	1,156,956	4	1,555
IDAHO	2,205	11,569,964	946	8,147,377	574	3,043,567	681	377,723	4	1,297
MONTANA/DAKOTAS	5,200	8,212,095	832	3,506,730	1,573	3,611,920	2,792	1,065,029	3	28,416
NEVADA	797	44,323,270	276	28,857,441	269	9,209,319	242	6,095,416	10	161,094
NEW MEXICO	2,290	12,547,244	610	6,838,541	853	4,398,481	827	1,310,222	0	0
OREGON/WASHINGTON	2,048	13,827,784	480	8,773,338	395	4,293,372	1,171	760,986	2	88
UTAH	1,429	21,699,759	627	13,135,532	348	6,793,886	444	1,633,286	10	137,055
WYOMING	3,519	17,705,730	851	11,631,872	788	4,400,352	1,877	1,659,429	3	14,077
BLM TOTAL	21,407	157,236,128	5,691	96,525,784	5,423	42,111,884	10,256	18,205,701	37	392,759

Note: 1) Allotments are categorized as I, M, or C during resource management planning. I allotments have the objective of "Improve the current resource condition".

M allotments have the objective of "Maintain the current resource condition". C allotments have the objective of "Custodially manage the existing resource values".

Source: Appendix 1 in BLM Manual 1622--Supplemental Program Guidance for Renewable Resources

2) The numbers of allotments in each category of I, M, and C can vary annually. Allotments can be moved from one category to another as new information becomes available, resource conditions change, or management activities are implemented (Source: Appendix 1 in BLM Manual 1622--Supplemental Program Guidance for Renewable Resources).

TABLE 5

**Monitoring of Grazing Allotments**

STATE	Cumulative Number of Allotments in which Monitoring Studies have been Established /a/		Allotments in which Monitoring Data were Collected During the Reporting Year		Allotments in which Monitoring Data were Evaluated During the Reporting Year		Allotments in which Decisions were Issued During the Reporting Year	
	Allot	Acres	Allot	Acres	Allot	Acres	Allot	Acres
ARIZONA	604	8,960,876	113	3,006,315	45	728,547	42	690,423
CALIFORNIA	343	6,747,418	150	3,474,090	66	1,659,093	54	1,242,718
COLORADO	1,258	7,026,217	354	2,208,609	191	658,097	289	837,501
IDAHO	1,025	9,954,118	405	6,233,420	126	460,209	180	940,729
MONTANA/DAKOTAS	2,487	6,099,116	490	1,374,878	399	1,387,711	703	1,045,144
NEVADA	692	43,484,771	289	21,075,903	60	1,794,080	68	2,887,111
NEW MEXICO	1,420	10,973,873	144	2,423,382	72	622,848	21	123,739
OREGON/WASHINGTON	1,397	13,767,036	451	8,801,745	139	247,336	109	242,187
UTAH	1,312	21,006,773	453	9,187,848	157	1,938,885	155	1,809,695
WYOMING	1,793	15,807,581	477	9,638,978	176	1,381,841	186	1,215,111
BLM TOTAL	12,331	143,827,779	3,326	67,425,168	1,431	10,878,647	1,807	11,034,358

/a/ Known as Total Established Monitoring Studies, in reports previous to Fiscal Year 2004.



TABLE 6

**Allotment Management Plans or Other Applicable Activity Plans Intended to Serve as the Functional Equivalent of Allotment Management Plans**

Number of Allotments and their Acreage, With and Without Allotment Management Plans or their Equivalent

STATE	TOTAL		With AMP or Equivalent		Without AMP or Equivalent	
	Allot	Acres	Allot	Acres	Allot	Acres
ARIZONA	822	11,416,900	279	5,308,630	543	6,108,270
CALIFORNIA	688	8,122,689	202	6,152,493	486	1,970,196
COLORADO	2,409	7,810,693	503	4,343,518	1,906	3,467,175
IDAHO	2,205	11,569,964	352	5,120,357	1,853	6,449,607
MONTANA/DAKOTAS	5,200	8,212,095	938	4,110,717	4,262	4,101,378
NEVADA	797	44,323,270	267	24,211,844	530	20,111,426
NEW MEXICO	2,290	12,547,244	356	4,690,094	1,934	7,857,150
OREGON/WASHINGTON	2,048	13,827,784	338	7,752,710	1,710	6,075,074
UTAH	1,429	21,699,759	396	10,493,505	1,033	11,206,254
WYOMING	3,519	17,705,730	455	7,699,662	3,064	10,006,068
BLM TOTAL	21,407	157,236,128	4,086	79,883,530	17,321	77,352,598

Note: The development of an Allotment Management Plan or its equivalent for a grazing allotment is discretionary (43 CFR §4120.2).

Grazing allotments without Allotment Management Plans or their equivalent are still undergoing resource management by the BLM.

TABLE 7

**Standards for Rangeland Health****A. Current Year Accomplishments**

	CATEGORY A. Rangelands meeting all standards or making significant progress toward meeting the standard		CATEGORY B - Rangelands not meeting all standards or making significant progress toward meeting the standards, but appropriate action has been taken to ensure significant progress toward meeting the standards (livestock is a significant factor).		CATEGORY C - Rangelands not meeting standards or making significant progress toward meeting the standards, and no appropriate action has been taken to ensure significant progress toward meeting the standards (livestock is a significant factor).		CATEGORY D - Rangelands not meeting all standards or making significant progress toward meeting the standards due to causes other than livestock grazing.		CATEGORY E - Total number of allotments that have been assessed	
	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres
ARIZONA	62	1,429,821	0	0	0	0	3	129,796	65	1,559,617
CALIFORNIA	39	327,069	1	22,968	3	106,938	6	104,246	49	561,221
COLORADO	220	515,818	14	238,848	6	29,294	20	90,765	260	874,725
IDAHO	103	270,411	35	787,247	6	138,864	30	57,296	174	1,253,818
MONTANA/DAKOTAS	215	210,379	9	28,283	18	39,822	30	24,486	272	302,970
NEVADA	47	1,139,155	5	383,092	2	52,494	3	213,114	57	1,787,855
NEW MEXICO	65	365,042	29	112,147	1	21	31	66,784	126	543,994
OREGON/WASHINGTON	149	242,806	5	12,124	8	73,666	4	10,861	166	339,457
UTAH	105	1,722,421	11	397,790	4	224,083	23	203,112	143	2,547,406
WYOMING	122	203,216	3	1,872	24	162,796	4	12,234	153	380,118
BLM TOTAL	1,127	6,426,138	112	1,984,371	72	827,978	154	912,694	1,465	10,151,181

## B. Cumulative Accomplishments

	CATEGORY A - Rangelands meeting all standards or making significant progress toward meeting the standard		CATEGORY B - Rangelands not meeting all standards or making significant progress toward meeting the standards, but appropriate action has been taken to ensure significant progress toward meeting the standards (livestock is a significant factor).		CATEGORY C - Rangelands not meeting standards or making significant progress toward meeting the standards, and no appropriate action has been taken to ensure significant progress toward meeting the standards (livestock is a significant factor).		CATEGORY D - Rangelands not meeting all standards or making significant progress toward meeting the standards due to causes other than livestock grazing.		CATEGORY E - Total number of allotments that have been assessed		CATEGORY F - Total number of allotments that have not been assessed		CATEGORY G - Total number of allotments	
	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres	Allot No.	Acres
ARIZONA	588	7,126,280	10	358,878	15	255,687	4	20,517	617	7,761,362	205	3,655,538	822	11,416,900
CALIFORNIA	364	2,609,695	65	1,439,055	19	623,713	63	626,522	511	5,298,985	177	2,823,704	688	8,122,689
COLORADO	1,510	4,698,174	218	1,338,840	23	67,238	269	1,058,710	2,020	7,162,962	389	647,731	2,409	7,810,693
IDAHO	1,025	3,383,857	285	3,895,886	61	676,031	205	1,138,613	1,576	9,094,387	629	2,475,577	2,205	11,569,964
MONTANA/DAKOTAS	4,170	6,360,480	301	987,733	53	103,824	295	394,820	4,819	7,846,857	381	365,238	5,200	8,212,095
NEVADA	280	14,967,566	91	8,828,159	17	870,704	27	1,250,390	415	25,916,819	382	18,406,451	797	44,323,270
NEW MEXICO	487	2,085,280	61	264,869	24	13,150	74	98,050	646	2,461,349	1,644	10,085,895	2,290	12,547,244
OREGON/WASHINGTON	759	4,883,468	108	1,441,376	44	1,147,708	111	480,371	1,022	7,952,923	1,026	5,874,861	2,048	13,827,784
UTAH	662	8,392,012	75	1,271,814	10	389,360	76	1,608,054	823	11,661,240	606	10,038,519	1,429	21,699,759
WYOMING	1,325	8,039,812	286	4,989,491	82	670,923	95	511,656	1,788	14,211,882	1,731	3,493,848	3,519	17,705,730
BLM TOTAL	11,170	62,546,624	1,500	24,816,101	348	4,818,338	1,219	7,187,703	14,237	99,368,766	7,170	57,867,362	21,407	157,236,128